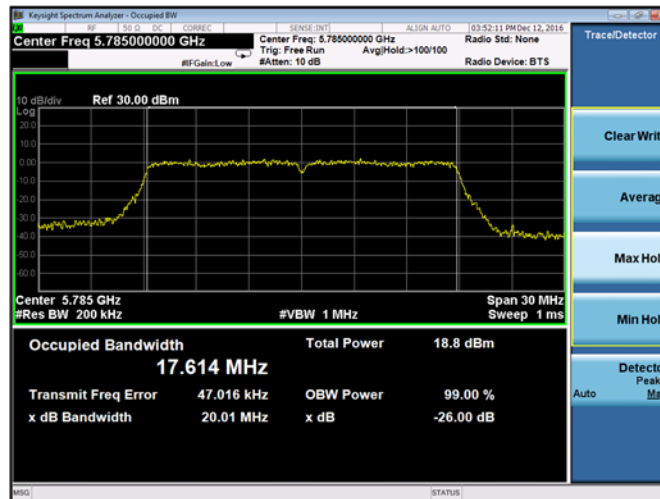
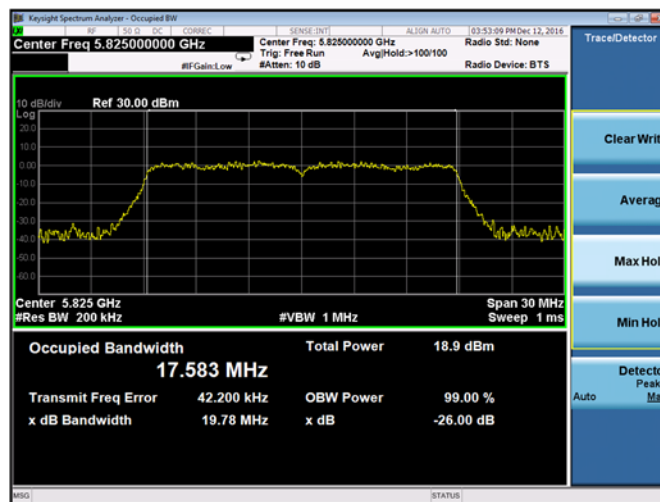


Plot 9-76. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 20 (CH. 149)



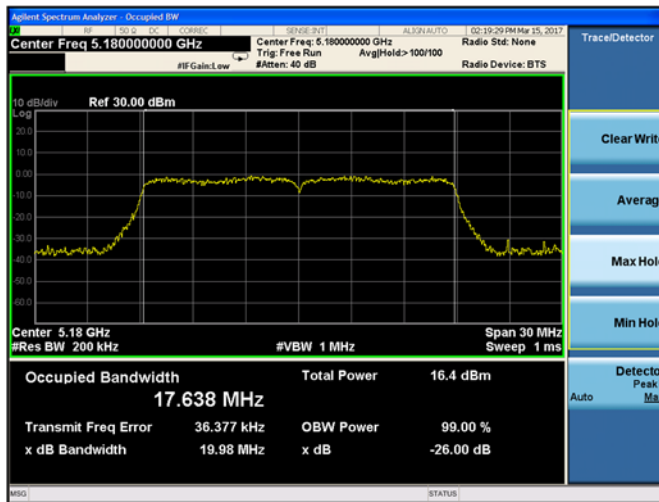
Plot 9-77. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 20 (CH. 157)



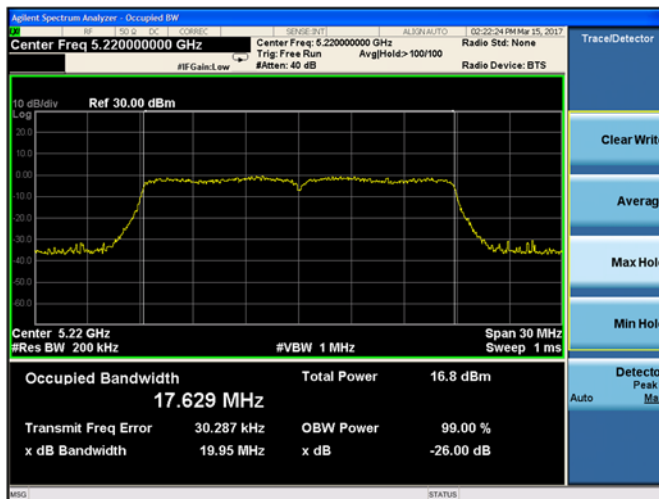
Plot 9-78. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 20 (CH. 165)

9.2.5.8 Chain B 802.11ac VHT20 26-dB Emission Bandwidth

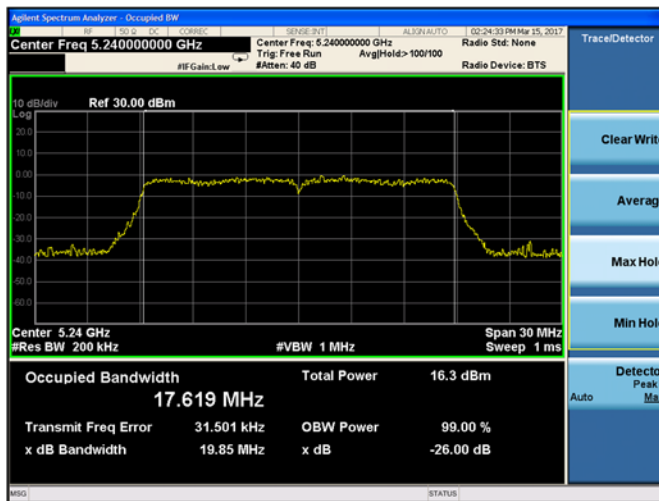
Chain B 802.11ac VHT 20 26-dB Emission Bandwidth				
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	36	5180	19.98	17.64
	44	5220	19.95	17.63
	48	5240	19.85	17.62
UNII-2A	52	5260	19.71	17.61
	60	5300	19.97	17.61
	64	5320	20.05	17.62
UNII-2C	100	5500	19.86	17.62
	116	5580	19.72	17.62
	140	5700	19.79	17.61
UNII-3	149	5745	19.80	17.60
	157	5785	19.77	17.62
	165	5825	19.74	17.62



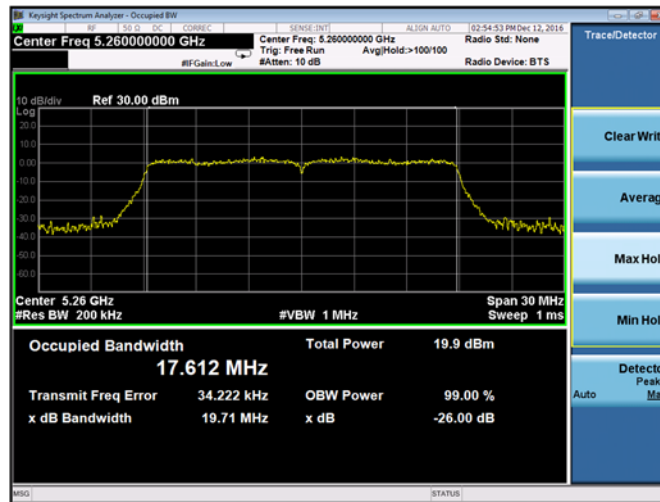
Plot 9-79. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 36)



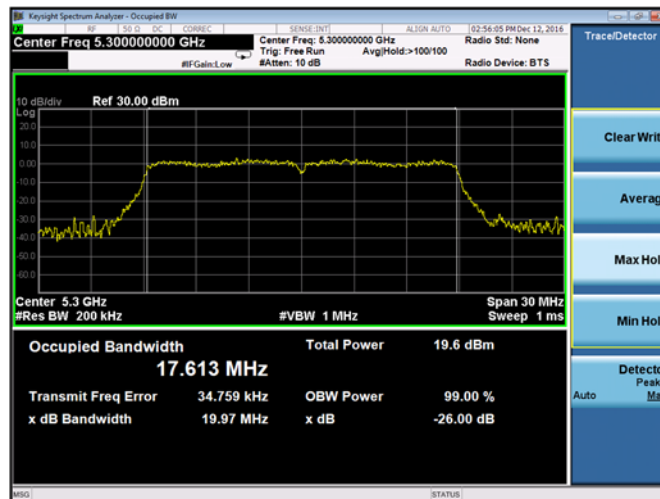
Plot 9-80. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 44)



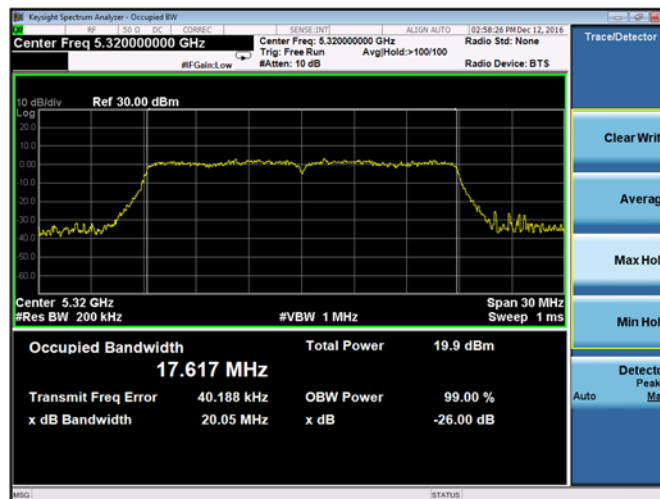
Plot 9-81. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 48)



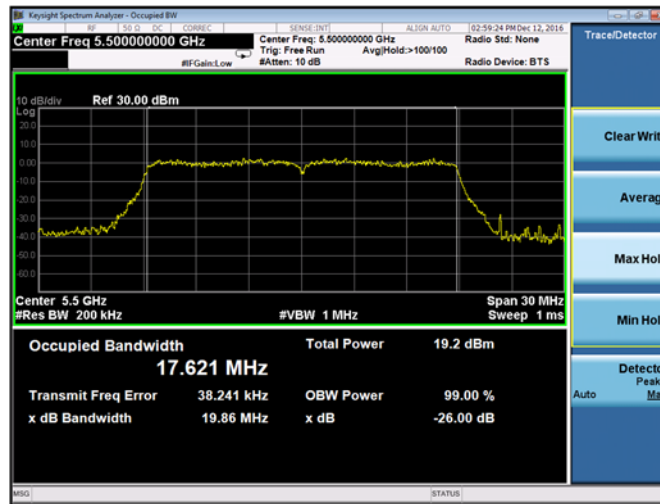
Plot 9-82 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 52)



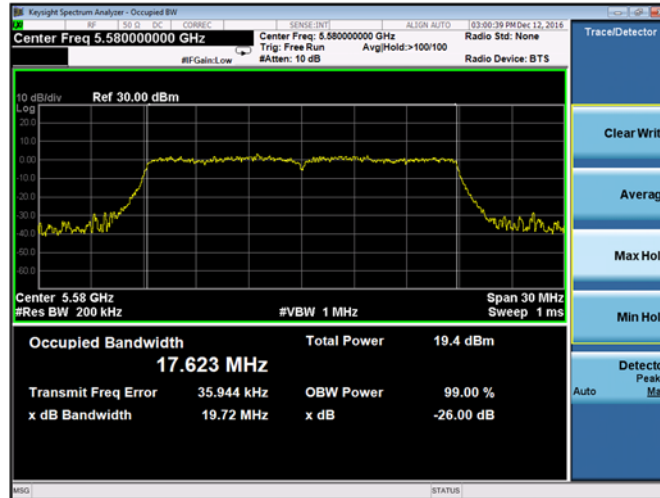
Plot 9-83. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 60)



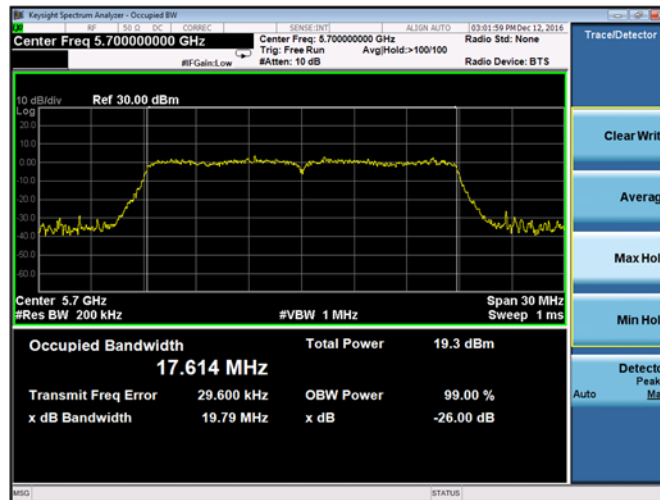
Plot 9-84. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 64)



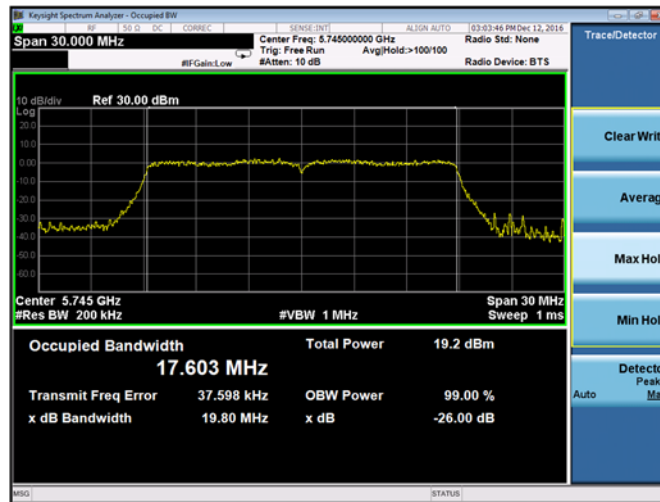
Plot 9-85. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 100)



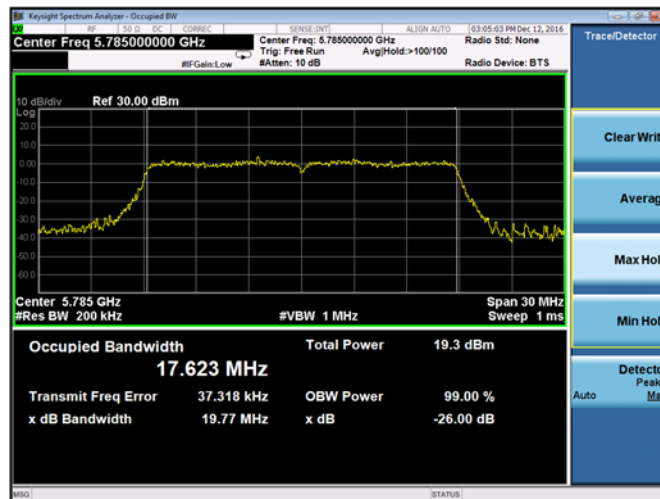
Plot 9-86. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 116)



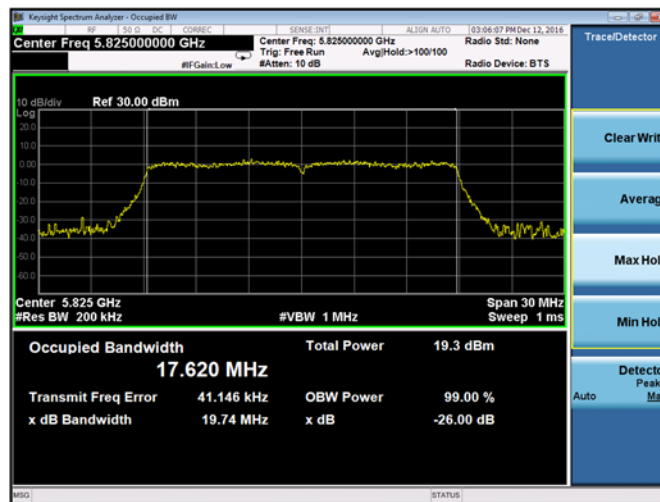
Plot 9-87. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 140)



Plot 9-88. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 149)



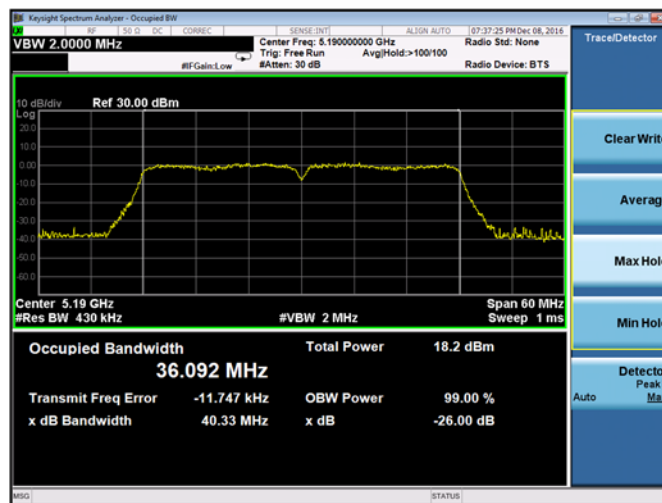
Plot 9-89. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 157)



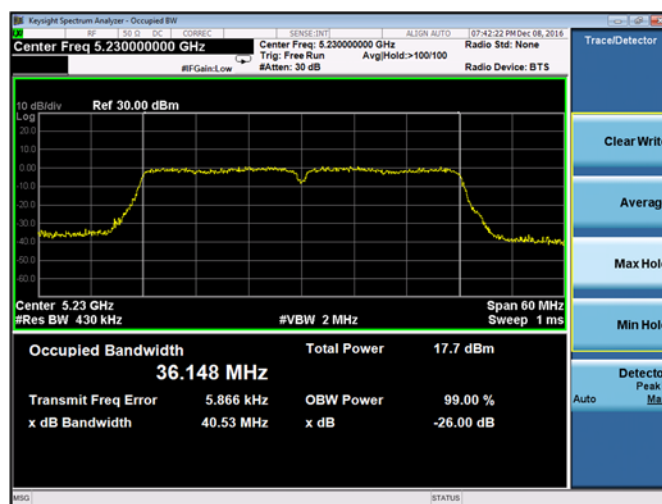
Plot 9-90. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 20 (CH. 165)

9.2.5.9 Chain A 802.11ac VHT40 26-dB Emission Bandwidth

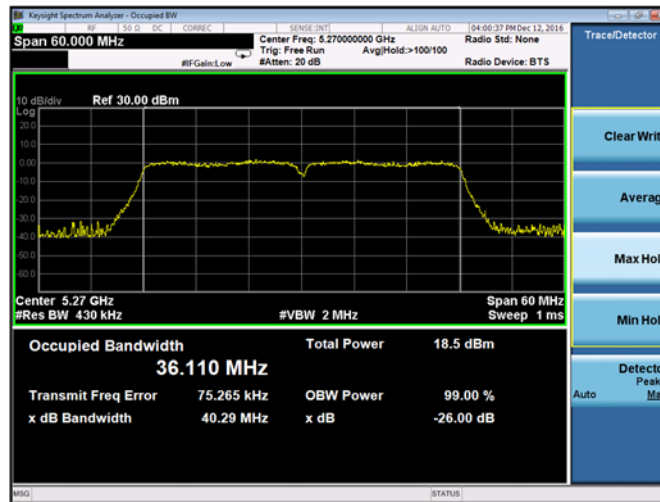
Chain A 802.11ac VHT40 26-dB Emission Bandwidth				
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	38	5190	40.33	36.09
	46	5230	40.53	36.15
UNII-2A	54	5270	40.29	36.11
	62	5310	40.55	36.11
UNII-2C	102	5510	40.53	36.06
	110	5550	39.93	36.12
	134	5670	40.01	36.10
UNII-3	151	5755	40.26	36.11
	159	5795	40.03	36.12



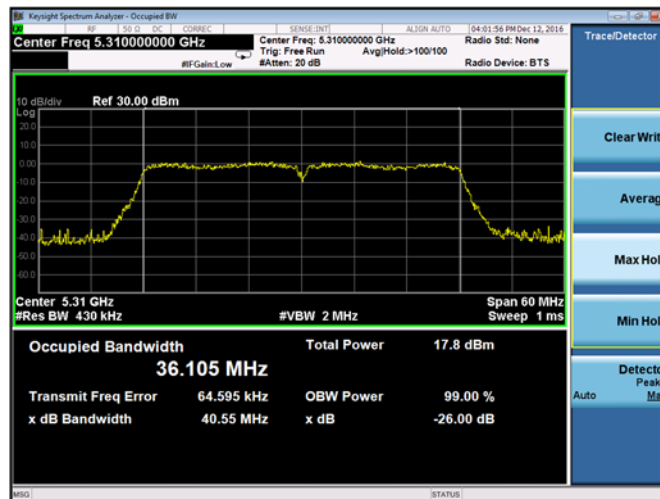
Plot 9-91. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 38)



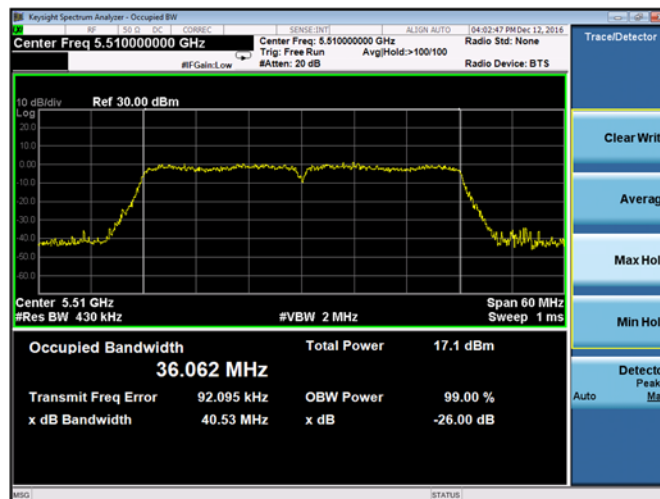
Plot 9-92. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 46)



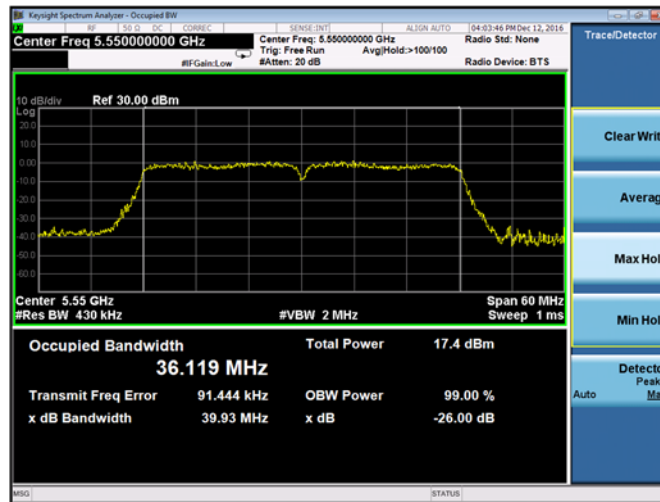
Plot 9-93. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 54)



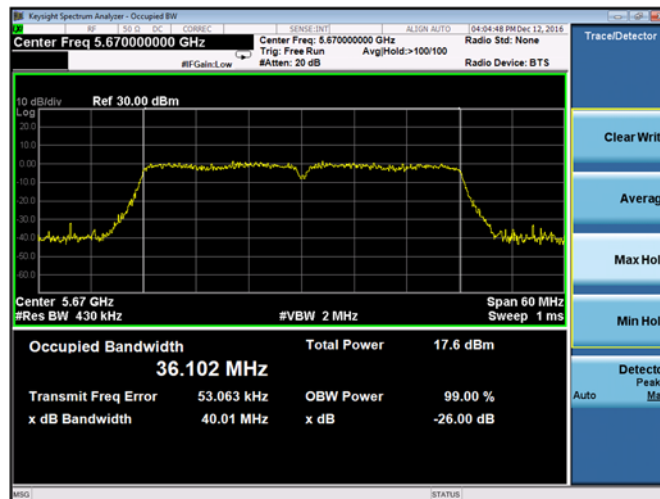
Plot 9-94. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 62)



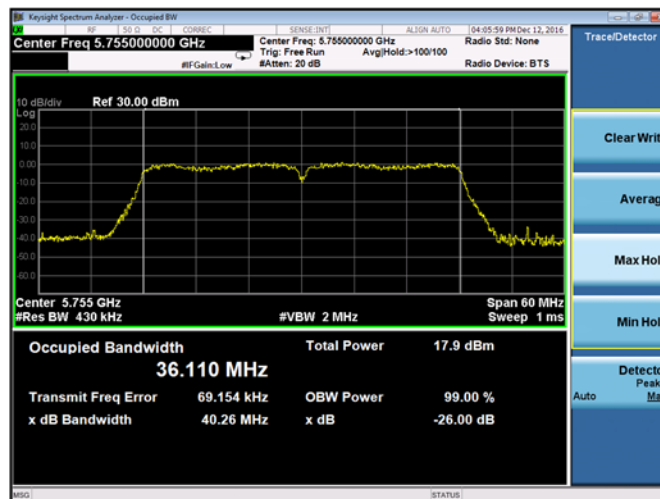
Plot 9-95. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 102)



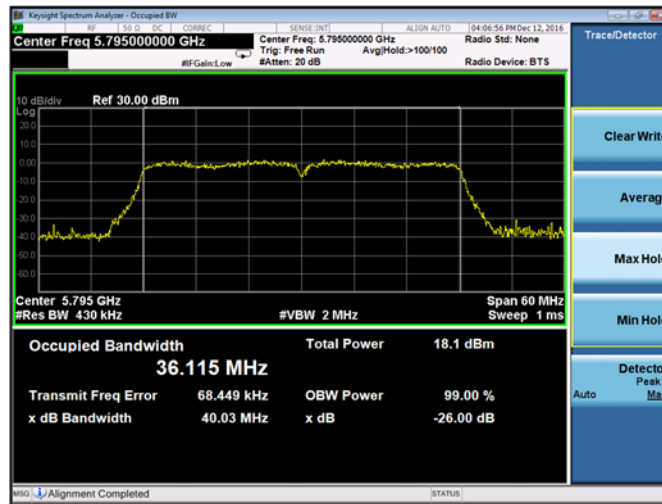
Plot 9-96. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 110)



Plot 9-97. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 134)



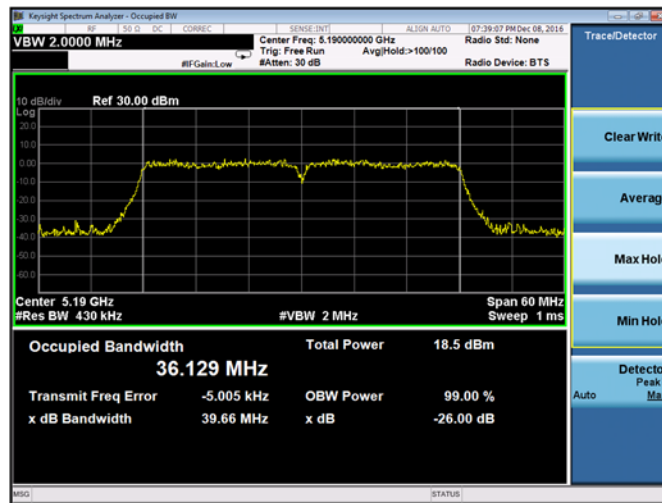
Plot 9-98. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 151)



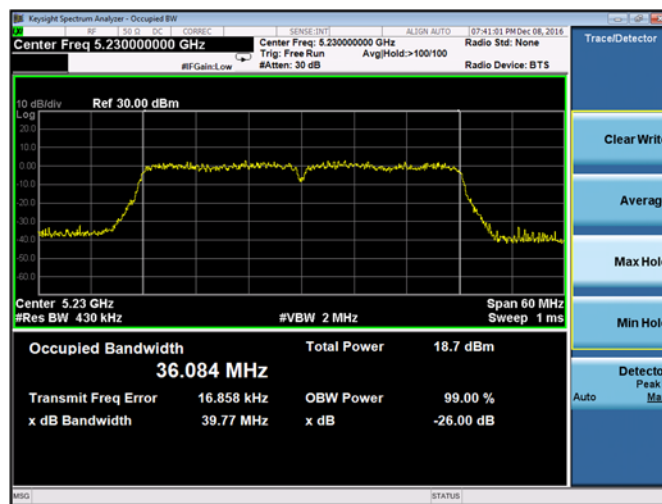
Plot 9-99. 26dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT 40 (CH. 159)

9.2.5.10 Chain B 802.11ac VHT40 26-dB Emission Bandwidth

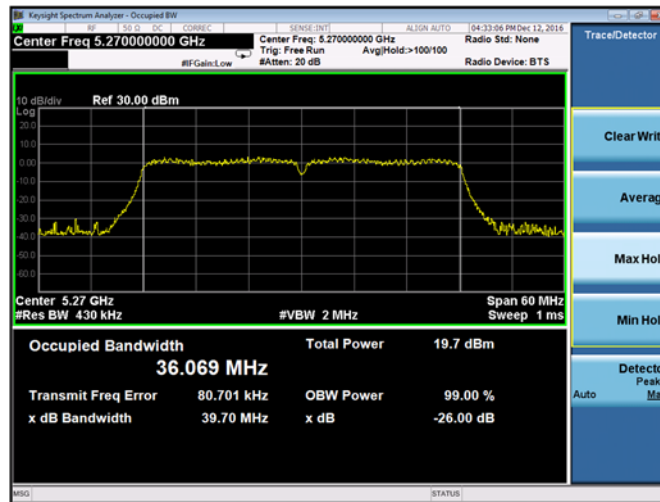
Chain b 802.11ac vHT40 26-dB Emission Bandwidth				
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	38	5190	39.66	36.13
	46	5230	39.77	36.08
UNII-2A	54	5270	39.70	36.07
	62	5310	39.61	36.15
UNII-2C	102	5510	39.56	36.09
	110	5550	40.04	36.10
	134	5670	39.70	36.01
UNII-3	151	5755	39.66	36.08
	159	5795	39.95	36.04



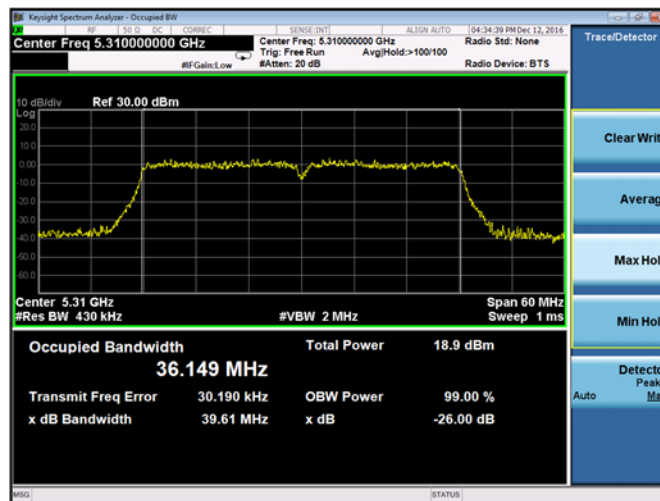
Plot 9-100. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40 (CH. 38)



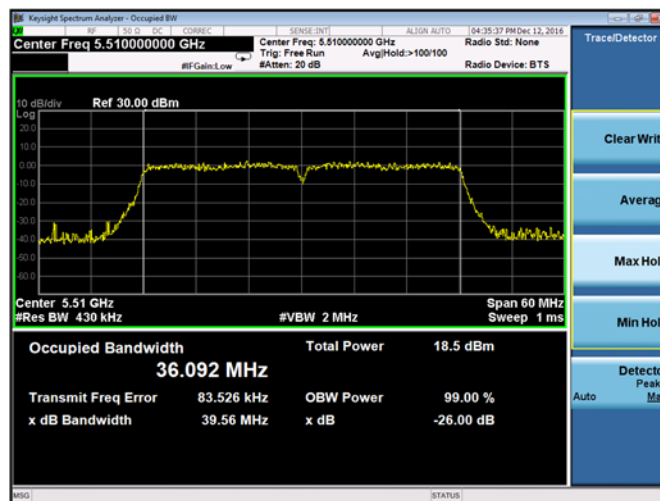
Plot 9-101. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40 (CH. 46)



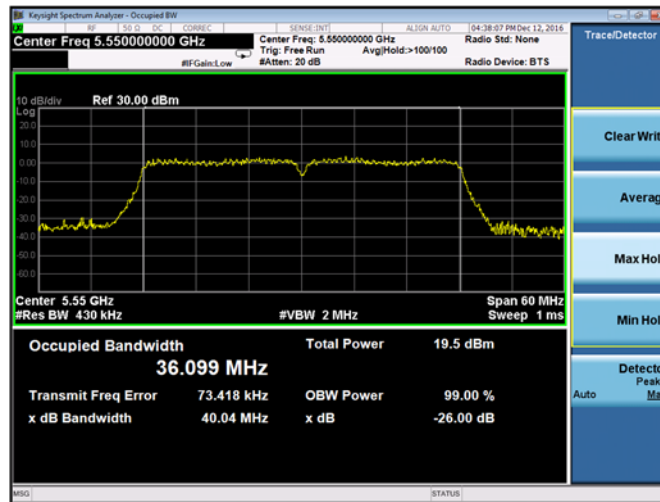
Plot 9-102. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40 (CH. 54)



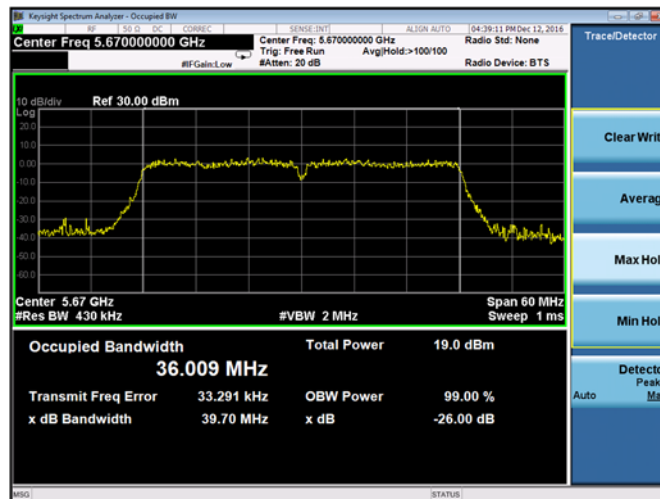
Plot 9-103. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40 (CH. 62)



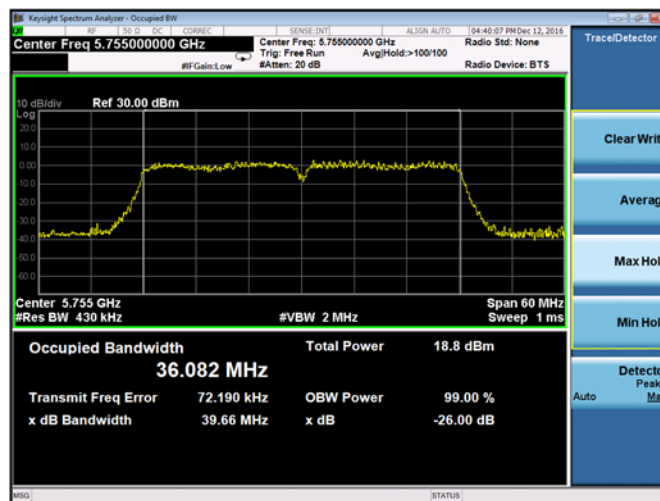
Plot 9-104. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40(CH.102)



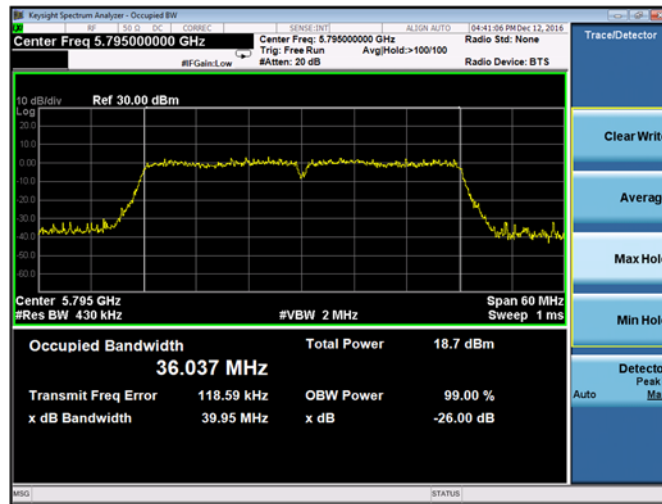
Plot 9-105. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40(CH.110)



Plot 9-106. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40(CH.134)



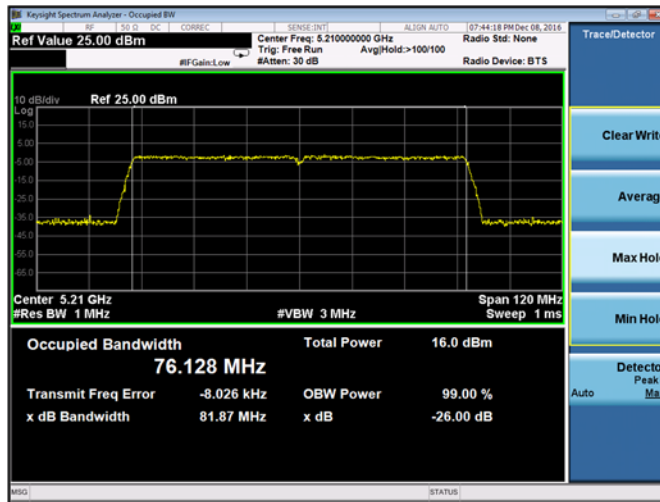
Plot 9-107. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40(CH.151)



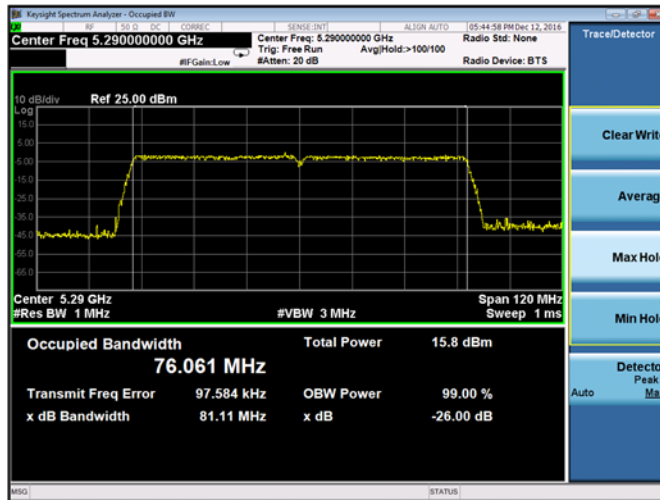
Plot 9-108. 26dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT 40(CH.159)

9.2.5.11 Chain A 802.11ac VHT80 26-dB Emission Bandwidth

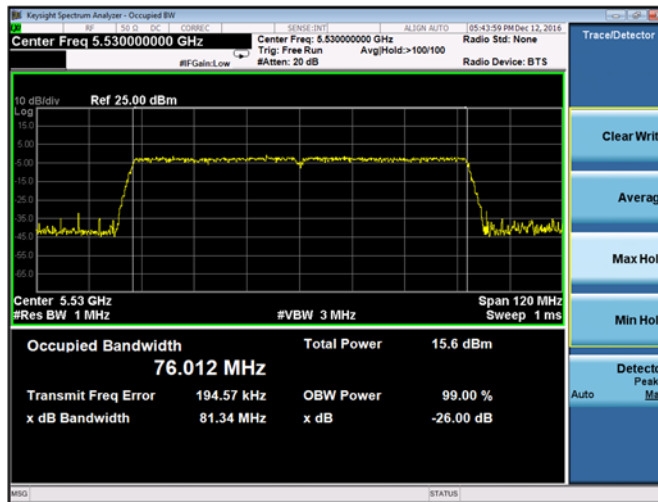
Chain A 802.11ac VHT80 26-dB Emission Bandwidth				
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	42	5210	81.87	76.13
UNII-2A	58	5290	81.11	76.06
UNII-2C	106	5530	81.34	76.01
	122	5610	81.68	76.21
UNII-3	155	5775	81.46	76.02



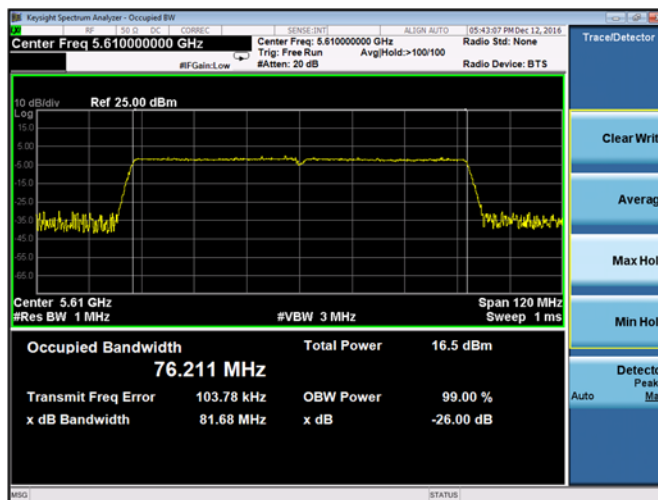
Plot 9-109. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT80 (Ch. 42)



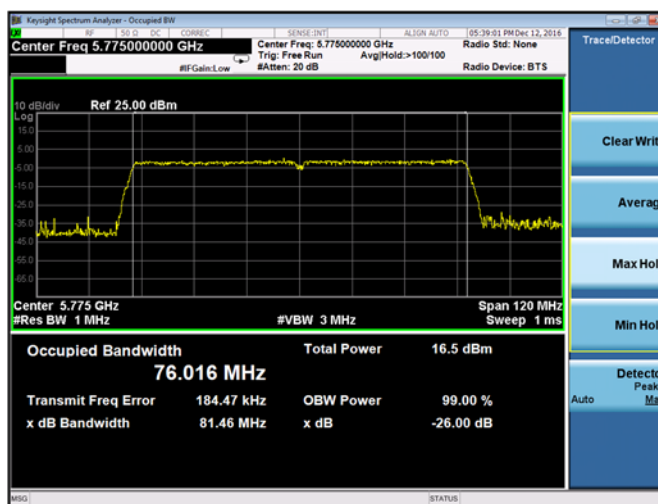
Plot 9-110. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT80 (Ch. 58)



Plot 9-111. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT80 (Ch. 106)



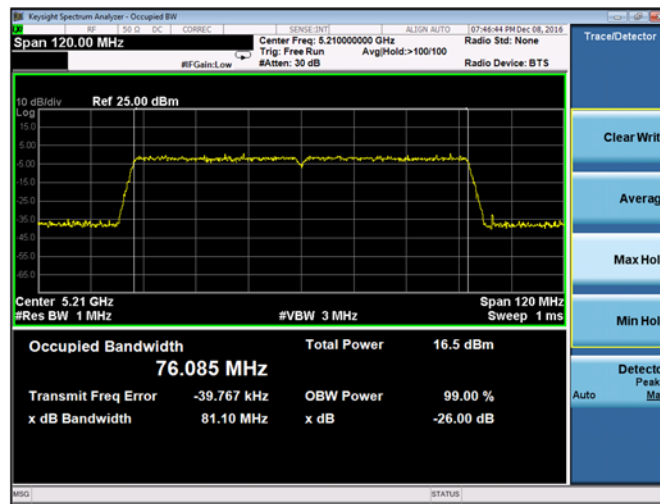
Plot 9-112. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT80 (Ch. 122)



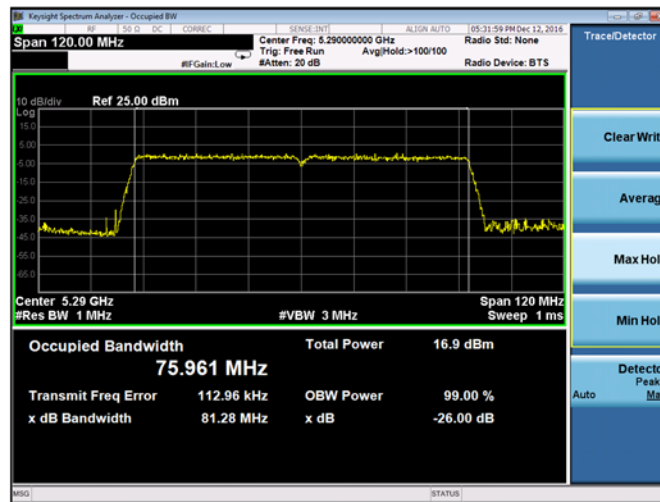
Plot 9-113. 26-dB Emission Bandwidth and 99% OBW Chain A 802.11ac VHT80 (Ch. 155)

9.2.5.12 Chain B 802.11ac VHT80 26-dB Emission Bandwidth

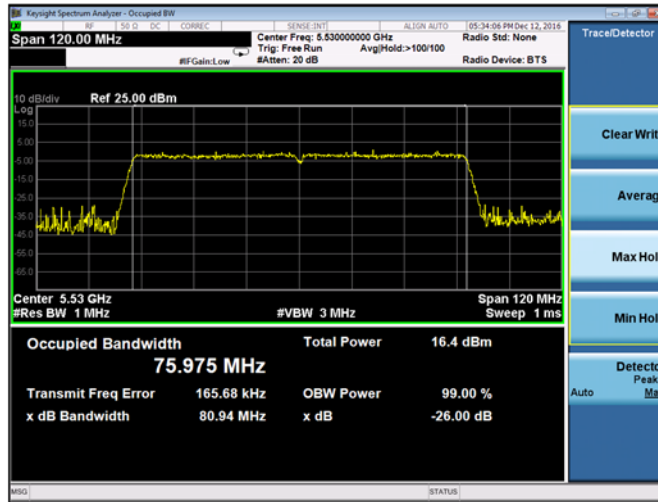
Chain B 802.11ac VHT80 26-dB Emission Bandwidth				
Band	Channel No.	Frequency (MHz)	26-dB Emission Bandwidth (MHz)	99% Occupied BW (MHz)
UNII-1	42	5210	81.10	76.09
UNII-2A	58	5290	81.28	75.96
UNII-2C	106	5530	80.94	75.98
	122	5610	81.37	75.95
UNII-3	155	5775	81.37	75.97



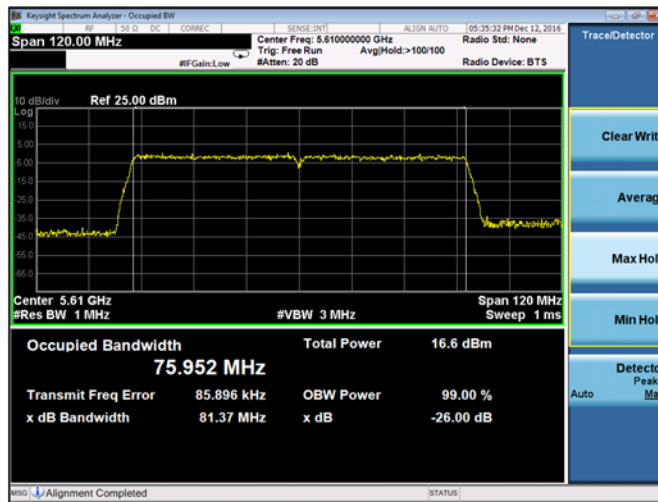
Plot 9-114. 26-dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT80 (Ch. 42)



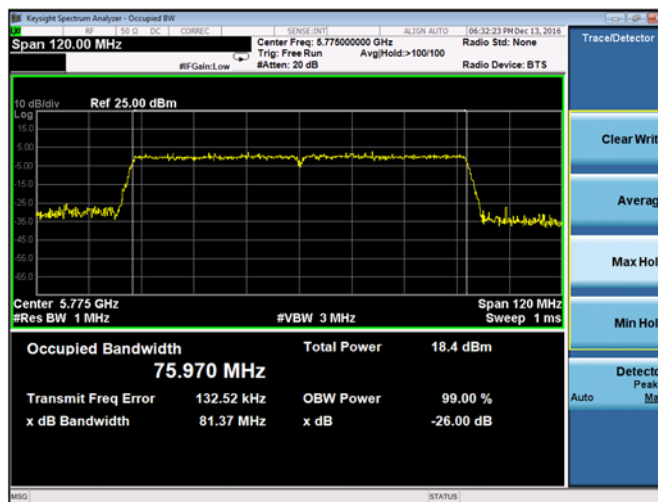
Plot 9-115. 26-dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT80 (Ch. 58)



Plot 9-116. 26-dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT80 (Ch. 106)



Plot 9-117. 26-dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT80 (Ch. 122)



Plot 9-118. 26-dB Emission Bandwidth and 99% OBW Chain B 802.11ac VHT80 (Ch. 155)

9.3 6-dB Bandwidth

9.3.1 Test Requirement:

FCC CFR 47 Rule Part 15.407 (e)
ISED RSS-247 [6.2.4]

9.3.2 Test Method:

Measurements were performed according to the procedures defined in KDB 789033- General UNII Test Procedures New Rules v01r03 and ANSI C63.10:2013.

Spectrum Analyzer settings:

RBW = 100 kHz

VBW \geq 3xRBW

Trace Mode= Peak Detector (Max Hold)

Sweep time= Auto

The in-built functionality of the Spectrum Analyzer is used to measure the 6-dB bandwidth.

9.3.3 Limits:

The 6-dB Bandwidth shall be \geq 500 kHz.

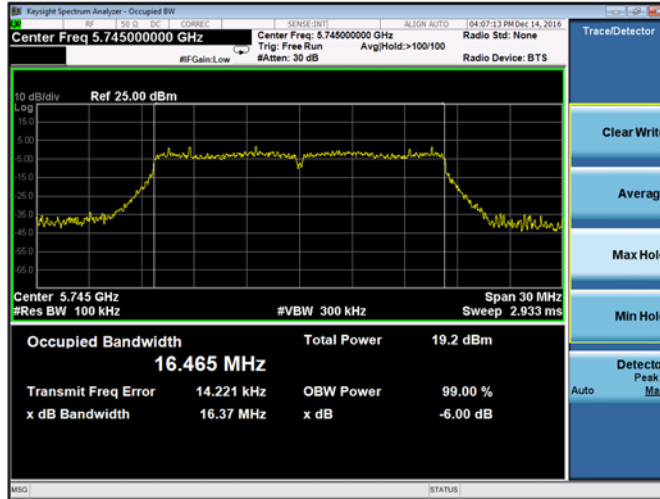
9.3.4 Test Results:

Pass

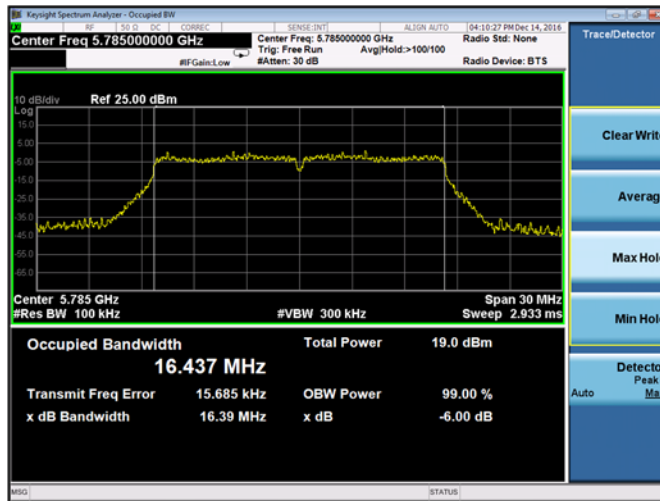
9.3.5 Test Data:

9.3.5.1 Chain A 802.11a 6-dB Bandwidth

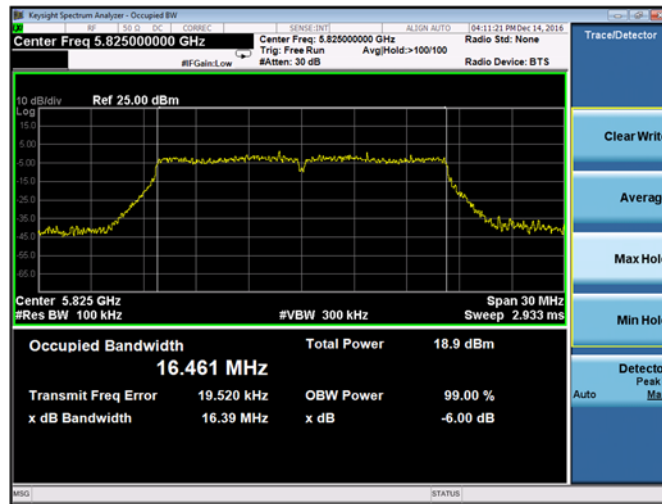
Chain A 802.11a 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	16.37
157	5785	16.39
165	5825	16.39



Plot 9-119. 6-dB Bandwidth Chain A 802.11a (Ch. 149)



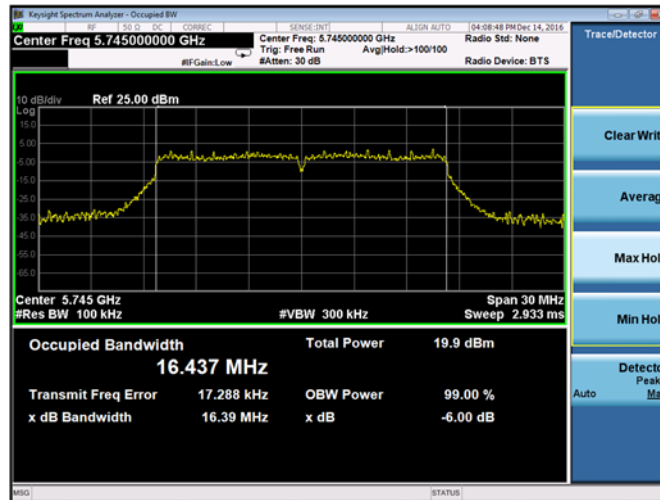
Plot 9-120. 6-dB Bandwidth Chain A 802.11a (Ch. 157)



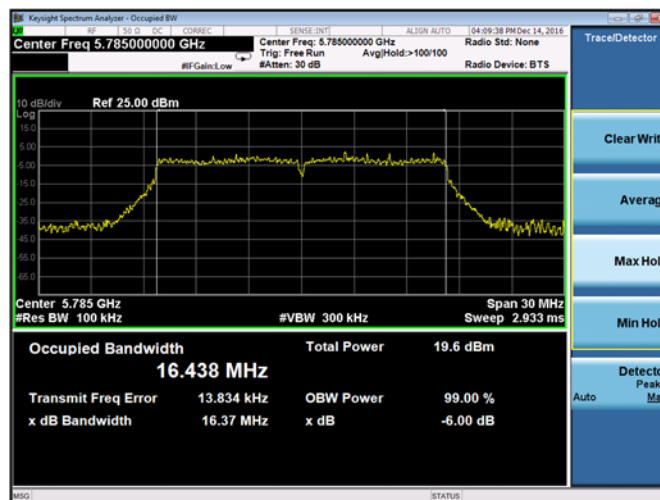
Plot 9-121. 6-dB Bandwidth Chain A 802.11a (Ch. 165)

9.3.5.2 Chain B 802.11a 6-dB Bandwidth

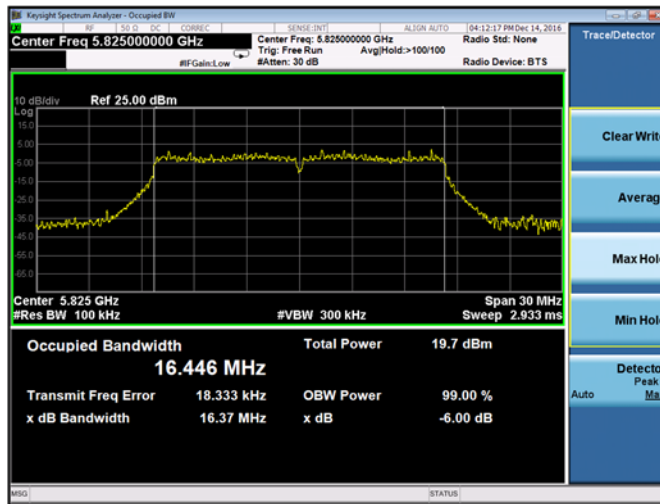
Chain B 802.11a 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	16.39
157	5785	16.37
165	5825	16.37



Plot 9-122. 6-dB Bandwidth Chain B 802.11a (Ch. 149)



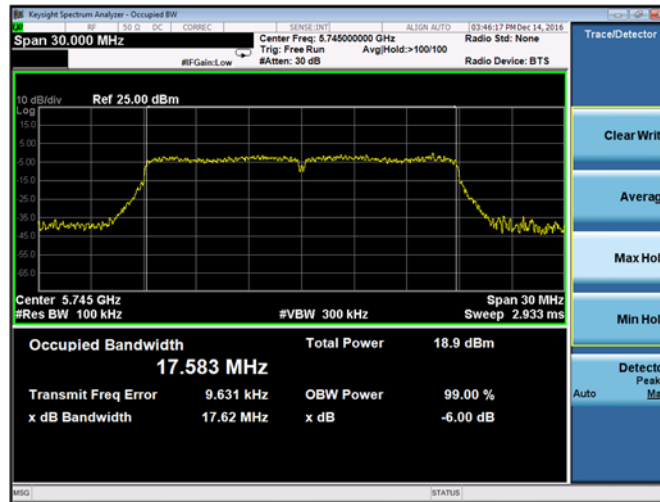
Plot 9-123. 6-dB Bandwidth Chain B 802.11a (Ch. 157)



Plot 9-124. 6-dB Bandwidth Chain B 802.11a (Ch. 165)

9.3.5.3 Chain A 802.11n HT20 6-dB Bandwidth

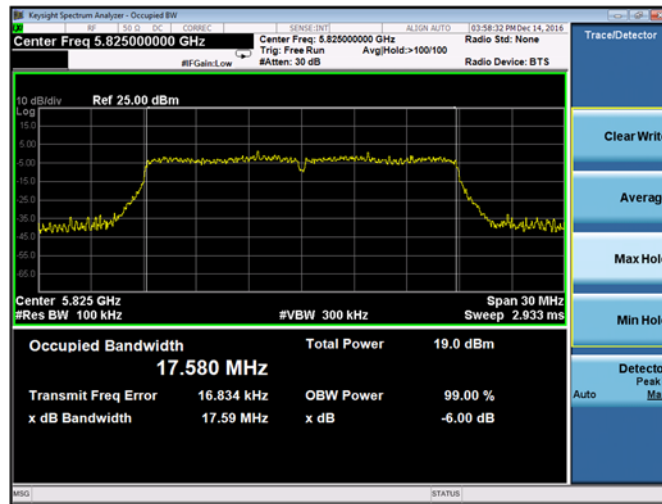
Chain A 802.11n HT20 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	17.62
157	5785	17.70
165	5825	17.59



Plot 9-125. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 149)



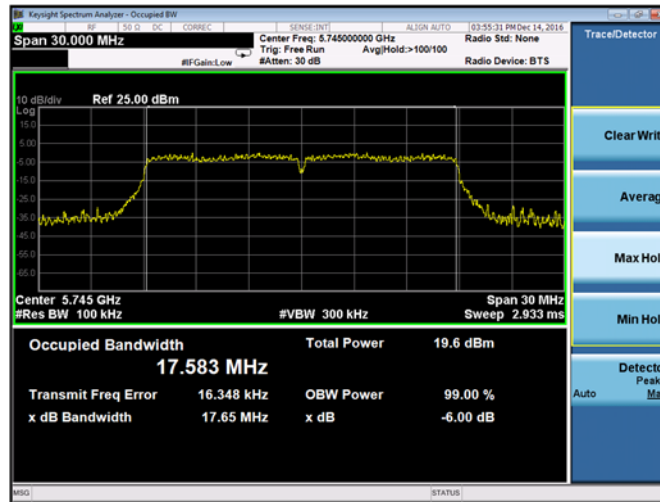
Plot 9-126. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 157)



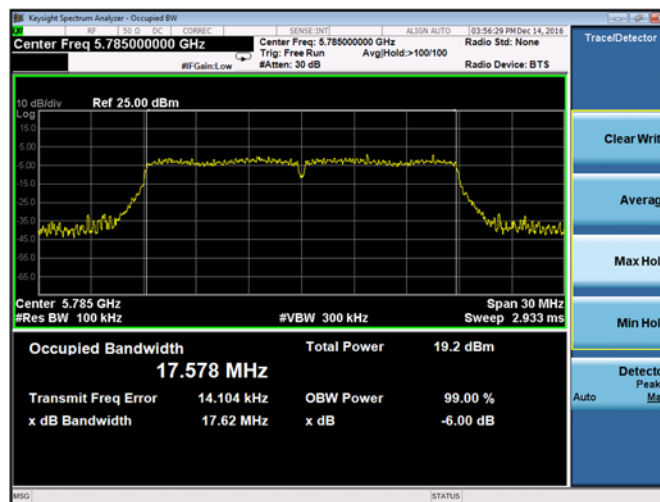
Plot 9-127. 6-dB Bandwidth Chain A 802.11n HT20 (Ch. 165)

9.3.5.4 Chain B 802.11n HT20 6-dB Bandwidth

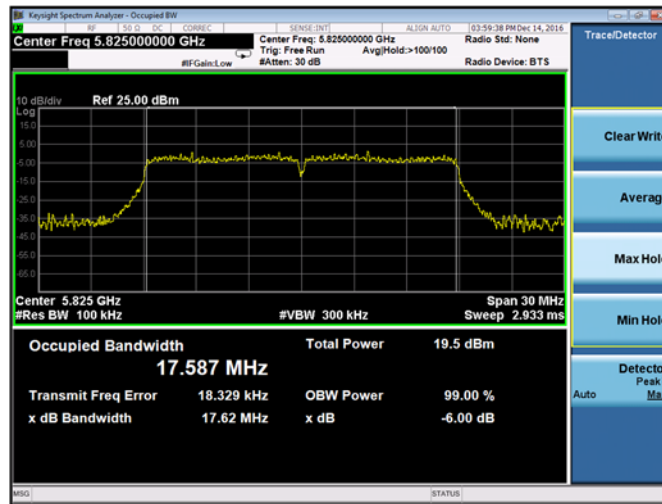
Chain B 802.11n HT20 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	17.65
157	5785	17.62
165	5825	17.62



Plot 9-128. 6-dB Bandwidth Chain B 802.11n HT20 (Ch. 149)



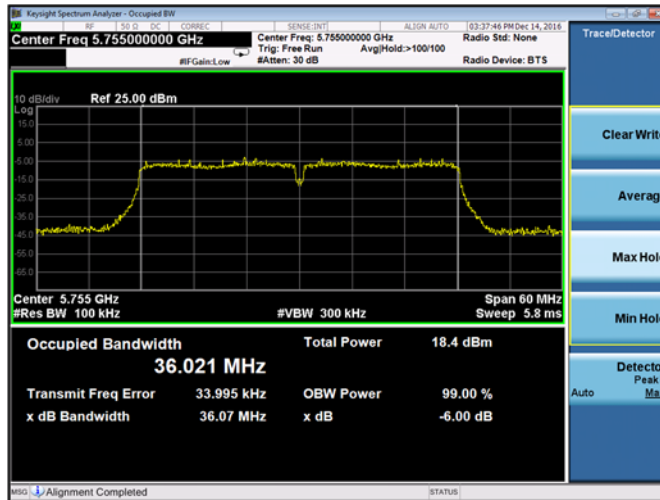
Plot 9-129. 6-dB Bandwidth Chain B 802.11n HT20 (Ch. 157)



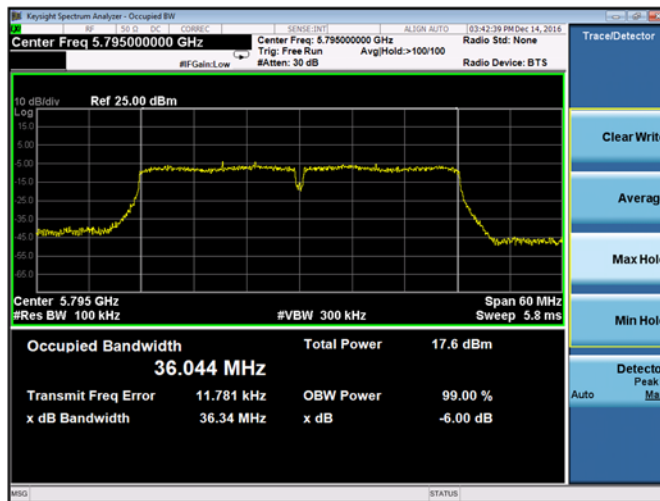
Plot 9-130. 6-dB Bandwidth Chain B 802.11n HT20 (Ch. 165)

9.3.5.5 Chain A 802.11n HT40 6-dB Bandwidth

Chain A 802.11n HT40 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
151	5755	36.07
159	5795	36.34



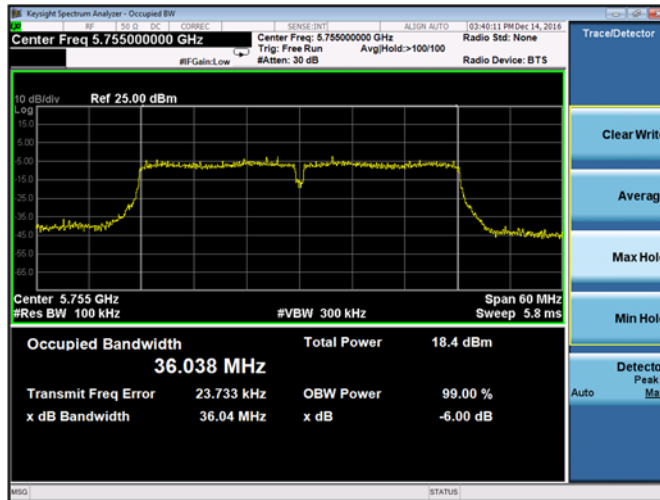
Plot 9-131. 6-dB Bandwidth Chain A 802.11n HT40 (Ch. 151)



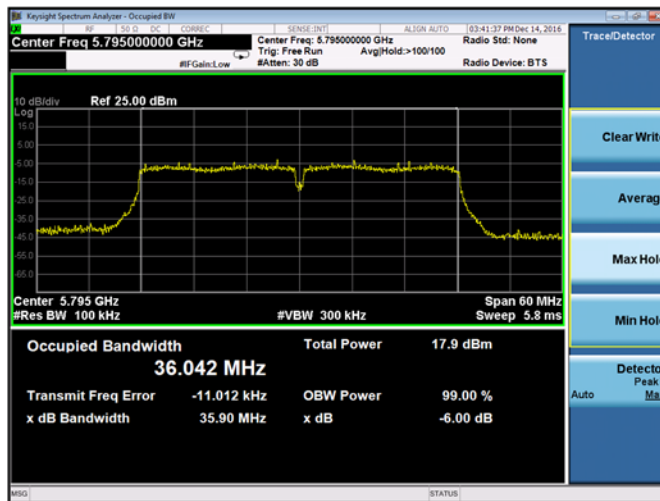
Plot 9-132. 6-dB Bandwidth Chain A 802.11n HT40 (Ch. 159)

9.3.5.6 Chain B 802.11n HT40 6-dB Bandwidth

Chain B 802.11n HT40 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
151	5755	36.04
159	5795	35.90



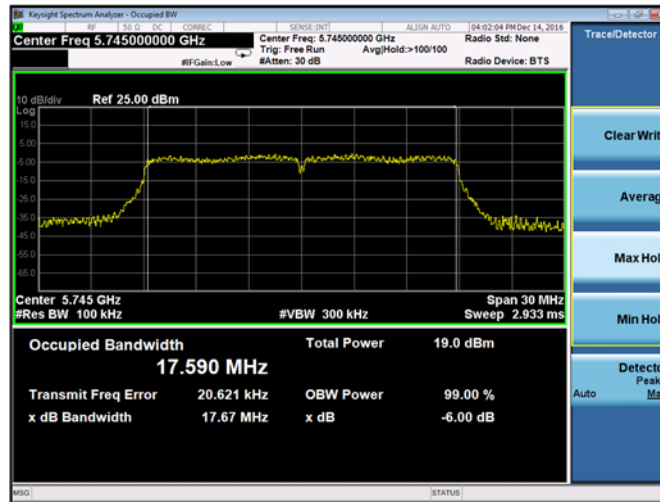
Plot 9-133. 6-dB Bandwidth Chain B 802.11n HT40 (Ch. 151)



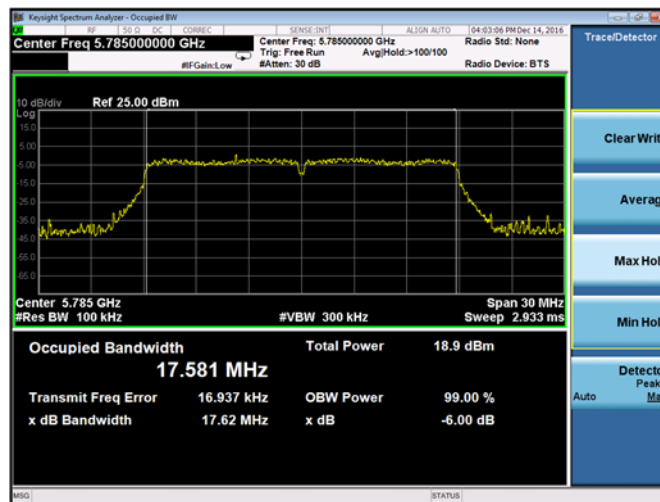
Plot 9-134. 6-dB Bandwidth Chain B 802.11n HT40 (Ch. 159)

9.3.5.7 Chain A 802.11ac VHT20 6-dB Bandwidth

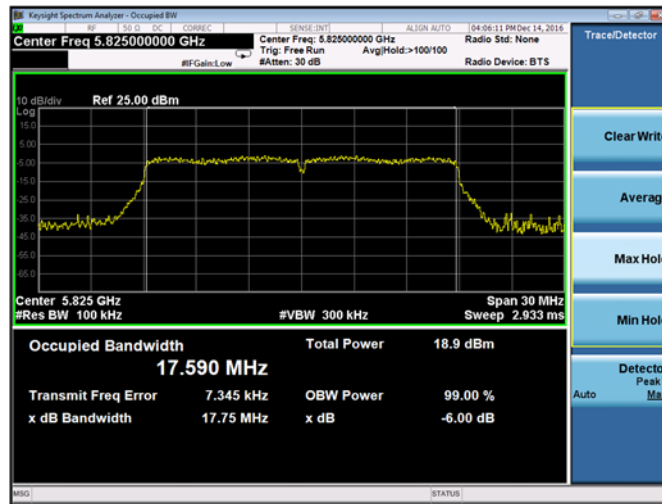
Chain A 802.11ac VHT20 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	17.67
157	5785	17.62
165	5825	17.75



Plot 9-135. 6-dB Bandwidth Chain A 802.11ac VHT20 (Ch. 149)



Plot 9-136. 6-dB Bandwidth Chain A 802.11ac VHT20 (Ch. 157)



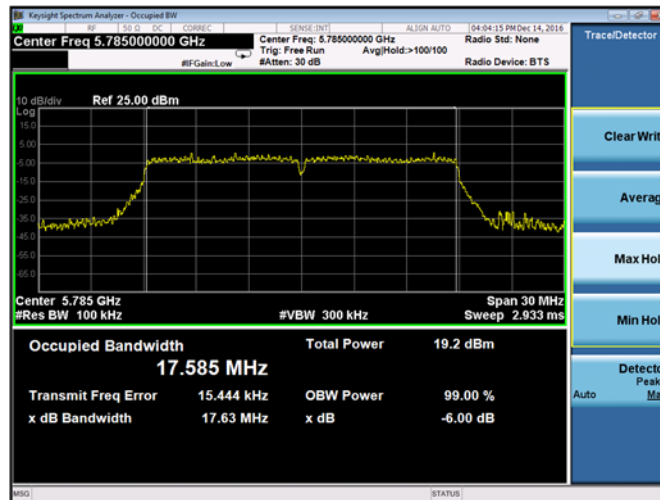
Plot 9-137. 6-dB Bandwidth Chain A 802.11ac VHT20 (Ch. 165)

9.3.5.8 xChain B 802.11ac VHT20 6-dB Bandwidth

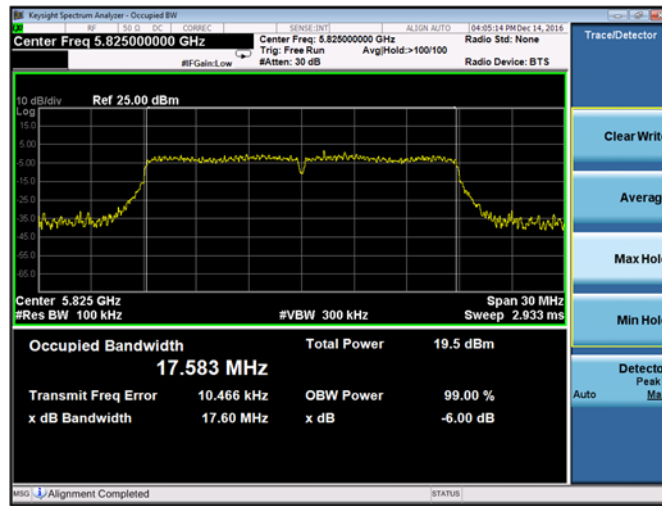
Chain B 802.11ac VHT20 6-dB Bandwidth		
Channel No.	Frequency (MHz)	6-dB Bandwidth (MHz)
149	5745	17.60
157	5785	17.63
165	5825	17.60



Plot 9-138. 6-dB Bandwidth Chain B 802.11ac VHT20 (Ch. 149)



Plot 9-139. 6-dB Bandwidth Chain B 802.11ac VHT20 (Ch. 157)



Plot 9-140. 6-dB Bandwidth Chain B 802.11ac VHT20 (Ch. 165)